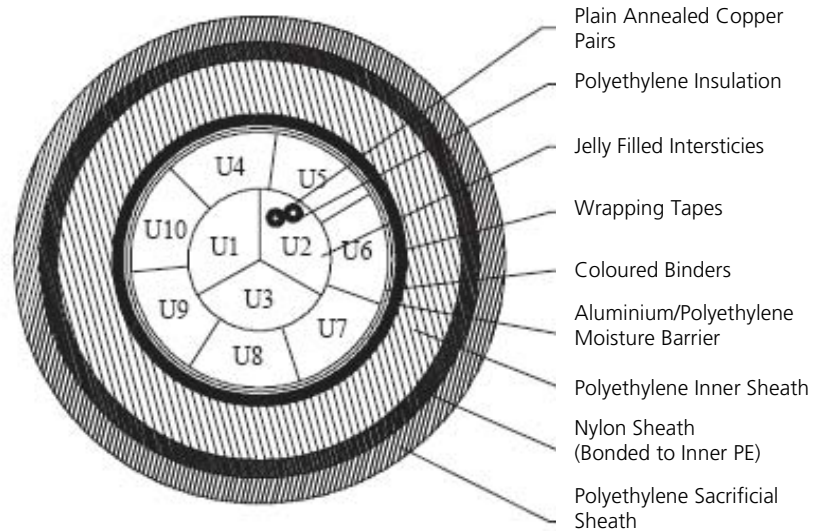


TrueNet®

Screened Voice Cable, Underground Jelly Filled

Issue 2

Cross sectional drawing:



100 Pair cable shown

A jelly filled cable with screen for use in external, underground voice applications.

Features:

- Cable consists of up to 100 pairs of 0.64mm diameter plain annealed copper conductors, cellular polyethylene insulated, twinned and bound into 10-pair units
- The units are laid up with jelly filled interstices, taped, moisture barriered, polyethylene overall sheathed, integrally bonded nylon jacketed and polyethylene sacrificial sheathed

Compliances:

- AS/ACIF S008, AS1125 and AS1049

SPEC SHEET



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TrueNet®

Screened Voice Cable, Underground Jelly Filled

Specifications

Conductor: Plain annealed copper – 0.64mm
 Insulation: Cellular polyethylene
 Cabling element: Twisted pair
 Water blocking: Petroleum jelly (interstices)
 Wrapping: Polyethylene terephthalate or paper tape
 Moisture barrier: Aluminium/polyethylene laminated tape
 Sheath: Polyethylene
 Jacket: Nylon
 Sacrificial sheath: Polyethylene (UV resistant) – Black

Mechanical/physical:

Pair Count

	10	30	50	100
Diameter (nominal) [mm]:	13.0	18.7	22.6	30.2
Mass (nominal) [kg/km]:	175	390	585	1085
Minimum bending radius – (full load) [mm]:	260	380	460	610
Maximum tensile strength - (short term) [N]:	600	1800	3100	6200
Operating temperature range [° C]:	-10 to +70			

Electrical:

Category: Voice Grade
 Maximum conductor resistance [Ω /km]: 56.4
 Minimum insulation resistance [$M\Omega$ /km]: 20000
 Mutual capacitance – maximum average [nF/km]: 49
 Max. capacitance unbalance (corrected to 500m length) – pair to pair [pF]: 150

Ordering Information

Description	Quantity	Colour	Product No.
External Underground Voice Cable, 10-pair	500m	Black	6462 1 200-01
External Underground Voice Cable, 30-pair	500m		6462 1 200-02
External Underground Voice Cable, 50-pair	500m		6462 1 200-03
External Underground Voice Cable, 100-pair	500m		6462 1 200-04
External Underground Voice Cable, 10-pair	Per metre		6462 1 200-10
External Underground Voice Cable, 30-pair	Per metre		6462 1 200-20
External Underground Voice Cable, 50-pair	Per metre		6462 1 200-30
External Underground Voice Cable, 100-pair	Per metre		6462 1 200-40

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